Safety Technology International, Inc.

Rex Plus® II

ED-55

The electronic watchdog that never sleeps!

Features

- Choose from three sound groups:
  - Dogs: Three different barking dog styles
  - Greetings: Double chime, single chime or bird chirp
  - Alerts: Siren or alarm
- **For temporary outdoor use, battery operation only!**
- Very realistic, recorded barking dog sounds
- Voice direction: warming up, armed, sound previews, low battery alert
- Senses movement through walls, doors and glass
- Variable distance sensitivity
- Variable volume control
- Temporary mute - convenient tap (dog head pat)
- LED shows armed status
- Easy installation

We protect the things that protect you.®

General Description

This new generation barking dog alarm features realistic sounds and voice operating status. Ferocious barking dogs, greetings or alarms are available. Rex Plus® II is versatile and provides an excellent way to deter burglars, without the annoying problems of owning a real dog. With his electronic radar eyes, Rex Plus® II can "see" through doors, walls and glass. Once the cord is plugged into any standard 120VAC outlet (for indoor use only), he'll stay on duty around the clock. Portable operation is available by installing the optional batteries. **For temporary outdoor use, battery operation only.**

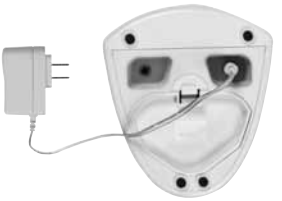

Fig. 1

Operational Instructions

1. Plug in unit (Fig. 1).
2. Open lid. Adjust volume and sensitivity to lowest level (fully counterclockwise). (Fig. 2)
3. Turn unit on. You will hear, "Warming up." After 30 seconds, unit will say, "Armed." Red LED will blink while warming up; solid when ready.
4. Move switch to choose: Dog ( ), Greeting ( ) or Siren ( ) (Fig. 2)
5. Press sound selection button to select sound in each category. (Fig. 2)
6. Adjust volume and sensitivity, clockwise, to desired level.
7. Point the front of the unit (wider face) towards the area to be monitored. Note: The unit may have reduced sensitivity at the back of the unit. (Fig. 3)

Fig. 2

15 minute mute (Red LED will blink)

- With lid open, tap the mute button.
- When lid is closed, tap raised grooves on the lid to activate.

For temporary outdoor use, portable use or as backup, install 6 "C" alkaline batteries.

After arming and no detection for 5 minutes, the LED changes to a slow blink to extend battery life. Note: When batteries are low ED-55 will state "Please replace batteries," only at power up and when mute button is pressed.

Fig. 3

Operation Instruction Caution:

Place Rex Plus II at a height 3-5 feet from the floor to obtain the widest range of detection. The position and sensitivity may be adjusted until optimal performance is reached. Setup may take time and patience.

⚠ CAUTION

Rex Plus® II is designed to detect moving objects though a wall or door and designed to be placed in an area hidden from an intruder or guest. The unit may have reduced sensitivity at the back of the unit. If sensing movement from behind, try to change the position of Rex Plus® II slightly to reduce unwanted detections. The sensitivity control can also be reduced to minimum to detect in the desired direction while reducing the undesired detections. Moving objects, in addition to people, can also be detected, including vehicles, animals, trees and shrubs blowing in strong winds and dwelling movements during strong storms.

Detection Efficiency

Rex Plus® II radar waves can detect through a variety of materials with maximum efficiency. The following chart serves as a guide.

MATERIAL	EFFECT ON RANGE
Fiberglass or Plastic	Medium Reduction
Wooden Hollow Doors	Slight Reduction
Glass	Medium Reduction
Curtain Material	Slight Reduction
Paper Cartons/Cardboard	Slight Reduction
Plaster/Drywall Walls	Medium Reduction
Metal (Steel doors, aluminum or steel siding)	Heavy Reduction (detection is possible when metal is moving or there is a clearance)

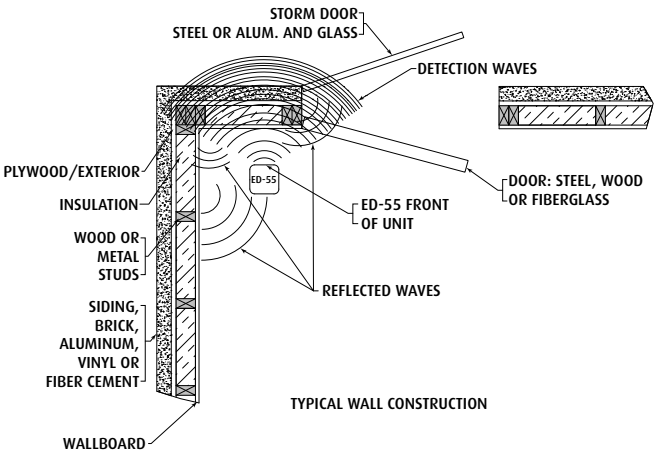

Fig. 4

SPECIFICATIONS

Power Requirements	120 VAC Plug-in Adapter, 12VDC 0.5A (supplied)
Battery (optional for portable operation)	6 Alkaline "C" batteries (not supplied)
Detector Operating Frequency	2.4 GHz (microwave)
Power detecting standby	0.15W
Power Barking	6 W Peak
Battery Life	90 days max with alkaline batteries (depending on the number of activations)
Detection Range	26 ft. maximum, reduced through obstructions
Detection Angle	150 degrees typical (see Fig. 4 for details)
External Output	3.5mm mono jack, supply 75mA at 12VDC for 1 second (not for speakers) • can be used with optional STI Lamp Controller STI-30104
Weight	2 lbs., including AC adaptor, without batteries
Size	8 1/2 in. tall, 4 1/2 in. wide, 5 1/2 in. deep

Troubleshooting Tips

PROBLEM	PROBABLE CAUSE	POTENTIAL SOLUTIONS
Undesirable detections	• Rex Plus II uses a 2.4GHz microwave radar detection system. It shares operation in a band of frequencies along with other electronic devices such as microwave ovens, Wi-Fi, wireless keyboards and other wireless controls • Stray animals • Windblown trees/shrubs	• Adjust Rex's position • Reduce sensitivity (Fig.2) • Raise Rex off the floor
No detection through doors or walls	Material in a wall (or between Rex and the moving object) can reduce the microwaves ability to detect. Refer to Detection Efficiency on page 3.	• Adjust Rex's position • Increase sensitivity (Fig.2) • Raise Rex off the floor
Rex detects me moving around the house	Microwaves penetrate through objects, some of the waves will reflect off surfaces and detect movement from the back side	• Reduce sensitivity • Raise Rex off the floor • Adjust Rex at different angles to the wall • Position Rex behind other furniture • Be sure Rex is facing correct direction (Fig. 2 & 3)
Rex repeats "Armed" message often	Usually caused by intermittent power connection.	• Verify adapter is plugged into electrical outlet securely • Verify adapter is plugged into Rex completely (Fig. 1)
Rex used to scare animals from my yard, but not anymore	New noise tend to scare animals away. But they may become accustomed to the sound.	• Try selecting another sound i.e. From dogs to siren (Fig. 2)

Important Notice

Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment. This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
1.This device may not cause harmful interference, and
2.This device must accept any interference received, including interference that may cause undesired operation.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :
(1) l'appareil ne doit pas produire de brouillage, et
(2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement

Model: ED-55 FCC ID: TXL-STI-ED55 IC: 6335A-STIED55

Warranty

Safety Technology International, Inc. warrants to the original consumer/purchaser that this product shall be free of defects in material and workmanship under normal use and circumstances for a period of ninety (90) days from the original date of purchase.

Electronic warranty form at www.sti-usa.com/wc14.

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Install ED55, AUG 2014